



ZFW

PATENT

In Re Application No.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Kok-Meng Lee

Confirmation No.: 9107

Serial No.: 10/618,523

Group Art Unit: 3643

Filed: July 11, 2003

Docket No.: 62004-1621

For: AUTOMATED FEET-GRIPPING SYSTEM

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

Sir:

This information disclosure statement is filed in accordance with 37 C.F.R. §§ 1.56, 1.97, and 1.98, and specifically:

- under 37 CFR 1.97(b), or  
(within Three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)
- under 37 CFR 1.97(c) together with either a:
  - Statement Under 37 C.F.R. 1.97(e), or
  - a \$180.00 fee under 37 CFR 1.17(p), or  
(After the CFR 1.97(b) time period, but before the final office action or notice of allowance, whichever occurs first)
- under 37 CFR 1.97(d) together with a:
  - Statement under 37 CFR 1.97(e), and
  - a \$180.00 petition fee set forth in 37 CFR 1.17(p).  
(Filed after final office action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Enclosed is a check in the amount of \$

Enclosed is Credit Card Payment Form (PTO-2038) in the amount of \$

Please charge \$0.00 to deposit account 20-0778. At any time during the pendency of this application, please charge any fees required to Deposit Account 20-0778 pursuant to 37 CFR 1.25. The Commissioner is hereby requested to credit any overpayment to Deposit Account No. 20-0778.

- Applicant(s) submit herewith *Form PTO 1449A - Information Disclosure Statement by Applicant* together with copies (where required) of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may or may not be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56. As applied to documents not submitted in accordance with 37 C.F.R. §1.98(a), pursuant to 37 C.F.R. 1.98(d), Applicant relies on the submission of the prior art in Application serial no.: 09/748,656, Patent No. 6,623,346.

A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56(c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on the form PTO 1449 and is enclosed herewith.

The following rights are reserved by the Applicant(s): the right to establish the patentability of the claimed invention over any of the listed documents should they be applied as reference, and/or the right to prove that some of these documents may not be prior art, and/or the right to prove that some of these documents may not be enabling for the teachings they purport to offer.

This statement should not be construed as a representation that an exhaustive search has been made, or that information more material to the examination of the present application does not exist. Any statements or identifications regarding the relevance of any portion(s) of cited references should not be construed as a representation that the most relevant portion(s) have been identified, and the absence of such statements or identifications should not be construed as representations that there are no relevant portion(s). The Examiner is specifically requested not to rely solely on the materials submitted herewith. The Examiner is requested to conduct an independent and thorough review of the documents, and to form independent opinions as to their significance.

**[Note: Pursuant to 37 C.F.R. 1.98(d), Applicant relies on the submission of the prior art in Application serial no.: 09/748,656, Patent No. 6,623,346.]**

It is requested that the information disclosed herein be made of record in this application and that the Examiner initial and return a copy of the enclosed PTO-1449 to indicate the documents have been considered.

Respectfully Submitted,

**THOMAS, KAYDEN, HORSTEMEYER  
& RISLEY, L.L.P.**

By:

  
**Timothy J. Wall, Reg. No. 50,743**

100 Galleria Parkway, Suite 1750  
Atlanta, Georgia 30339-5948  
770-933-9500

**CERTIFIED MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as "First Class Mail," in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on 06/23/2004

  
Signature

Form PTO-1449

Attorney Docket No.  
062004-1621Serial No.  
10/618,523**INFORMATION DISCLOSURE CITATION**Applicant  
Lee

JUN 25 2004

(Use several sheets if necessary)

Filing Date  
July 11, 2003Group  
3643**U.S. PATENT DOCUMENTS**

Examiner Initials	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
A	2,952,032	Sep. 13, 1960	Breitkreutz	452	53	
B	3,622,000	Nov. 23, 1971	McClenny	209	121	
C	3,774,264	Nov. 27, 1973	Anderson et al.	452	134	
D	4,307,683	Dec. 29, 1981	Parker, Jr.	119	716	
E	4,658,476	Apr. 21, 1987	van den Brink	17	11	
F	5,108,345	Apr. 28, 1992	Harben, III et al.	452	183	
G	5,088,959	Feb. 18, 1992	Hemmskerk	452	183	
H	5,129,857	Jul. 14, 1992	Keiter et al.	452	179	
I	5,134,971	Aug. 04, 1992	Krienke et al.	119	713	
J	5,259,811	Nov. 09, 1993	Berry	452	183	

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
K							
L							

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)**

M	Kok-Meng Lee, "On The Development Of A Compliant Grasping Mechanism For On-Line Handling Of Live Objects, Part I: Analytical Model," 1999 IEEE/ASME International Conference on Advanced Intelligent Mechatronics (AIM'99), September 19-23, Atlanta, GA USA				
N	Kok-Meng Lee, A. Bruce Webster, Jeffry Joni, Xuecheng Yin, Richard Carey, Michael P. Lacy, Rishi Gogate, "On The Development Of A Compliant Grasping Mechanism For On-Line Handling Of Live Objects, Part II: Design and Experimental Investigation," 1999 IEEE/ASME International Conference on Advanced Intelligent Mechatronics (AIM'99), September 19-23, Atlanta, GA USA				
O	Kok-Meng Lee, Rishi Gogate, Richard Carey, "Automated Singulating System For Transfer Of Live Broilers," Proceedings of the 1998 IEEE International Conference on Robotics and Automation, May 16-21, Leuven, Belgium				
P	Kok-Meng Lee, "Kinematic Simulation And Analysis Of A High-Speed Live Broiler Transfer Mechanism," Proceedings of the 2000 Japan-USA Symposium on Flexible Manufacturing Systems, July 23-26, Arbor, MI				

\* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE:

DATE CONSIDERED:

Form PTO-1449 <b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>					Attorney Docket No. <b>062004-1621</b>	Serial No. <b>10/618,573</b>
					Applicant <b>Lee</b>	
					Filing Date <b>July 11, 2003</b>	Group <b>3643</b>

**U.S. PATENT DOCUMENTS**

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	Q	5,370,574	Dec. 6, 1994	Meyn	452	179	
	R	5,484,380	Jan. 16, 1996	Bevins	493	480	
	S	5,514,033	May 07, 1996	Berry	452	182	
	T	5,672,100	Sep. 30, 1997	Nielson et al.	452	188	
	U	5,897,201	Apr. 27, 1999	Simon	362	268	
	V	5,944,598	Aug. 31, 1999	Tong et al.	452	158	
	W	5,975,029	Nov. 02, 1999	Morimoto et al.	119	843	
	X	6,254,471	Jul. 03, 2001	Meyn	452	177	
	Y	6,254,472	Jul. 03, 2001	Meyn	452	188	

**FOREIGN PATENT DOCUMENTS**

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	Z	1003230 **	30.05.96	Nederland	A22C	21/00		X
		** Pursuant to 37 C.F.R. 1.98(d) reference 1003230 Nederland, dated 30.05.96, was previously disclosed in parent application serial no. 09/748,656 and issued as Patent No. 6,623,346.						
	AA	WO 94/19957	28.02.94	WIPO	A22B	1/00	X	
	AB	WO 97/45003 A1	Jan. 1999	WIPO	452	182		
	AC	SU 1576089 A2	13.04.88		5A01K	13/00		X

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)**

AD	K-M. Lee "Kinematic Analysis of a High-speed Live Broiler Transfer Mechanism," Proc. of the 2000 Japan-USA Symposium on Flexible Manufacturing Systems, July 23-26, Arbor, MI.
AE	Daniel Fletcher, "Integrator's Digest", June 1995, Page 97. Pursuant to 37 C.F.R. 1.98(d) this reference was previously disclosed in parent application serial no. 09/748,656 and issued as Patent No. 6,623,346.
AF	BTG, "Automatic Chicken Shackling," December 1995, Reference: 134332. Pursuant to 37 C.F.R. 1.98(d) this reference was previously disclosed in parent application serial no. 09/748,656 and issued as Patent No. 6,623,346.
AG	Lee, et al., paper entitled "Automation Intelligent Live Transfer" Undated, pp. 1-10
AH	Lee, et al. paper entitled "Automation Intelligent Live Transfer" Undated, pp. 1-9

\* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE:	DATE CONSIDERED:
-----------------------	------------------